th, 1936.

THE UNITED KINGDOM

IN BLAST.

the Furnaces, and Published at the Offices of

NAL, WITH WHICH IS INCORPORATED THE IRON & STEEL TRADES JOURNAL.

49, WELLINGTON STREET, STRAND, LONDON, W.C.2

ed regularly each Quarter since 1879.

Telegrams—ZACATECAS, RAND, LONDON.
Telephone—TEMPLE BAR 3951 (5 lines).

ne 30th, 1936	259
June 30th, 1936	114
uilt	8
Blast since March 31st, 1936	5
1936	11

West Cumberland (1).—United Steel Companies, Ltd., 1.
South & West Yorkshire (1).—Low Moor Iron Co., Ltd., 1.
Lancashire (1).—Lancashire Steel Corporation, Ltd., 1.
Derbyshire (2).—Renishaw Iron Co., Ltd., 1; Staveley Coal & Iron Co., Ltd., 1.

larch 31st, 1936	6

Derbyshire (2).—Stanton Ironworks Co., Ltd., 2.
South Staffordshire & Worcestershire (1).—Earl of Dudley, 1.

below)	1
lined at present time	24

West Cumberland (1).—Millom & Askam Hematite Iron Co., Ltd., 1.
South & West Yorkshire (1).—Park Gate Iron & Steel Co., Ltd., 1.
Lancashire (2).—Barrow Hematite Steel Co., Ltd., 1; Charcoal Iron Co., Ltd., 1.
Derbyshire (4).—Stanton Ironworks Co., Ltd., 3; Sheepbridge Coal & Iron Co., Ltd., 1.
Northamptonshire (1).—Stewarts and Lloyds, Ltd., 1 (Islip Iron Works, 1).
South Staffordshire & Worcestershire (1).—Earl of Dudley, 1.

shire

	In blast June 30, making		Average in blast.		Total built.	F'nces relining or rebuilding.
	F'ge. & F'd'y.	Basic.	June qr.	Mar. qr.		
	—	—	1	1	3	—
	—	—	1	1	3	—

District

	—	3	3	3	4	—
	—	—	—	—	2	—
	—	2	2	2	4	—
	1	3	4	4	5	—
	—	1	1	1	2	1
	—	—	3½	3½	4	—
	1	1	1	—	2	—
	—	—	3	3	5	—
	—	3	3	3	3	—
	—	—	2	2	3	—
	—	—	—	—	3	—
	1	2	3	3	5	1
	—	—	—	—	6	—
	3	15	25½	24½	48	2

ferro-manganese, etc.

nberland

	—	—	3¾	3	6	—
	—	—	2	2	3	1
	—	—	5¾	5	9	1

ferro-manganese, etc.

ffordshire

	1*	—	1	1	3	—
	—	2	2	2	3	—
	1	2	3	3	6	—

l cylinder iron.

est Yorkshire

	1*	—	1	—	2	—
	—	2	2	2	3	1
	1	—	1	1	2	—
	2	2	4	3	7	1

blast.

shire

	—	—	—	1	1	1
	—	—	3	2½	4	1
	—	—	—	—	4	—
	—	3	4	3	4	—
	—	3	7	6½	13	2

ferro-manganese, etc.

vshire

	2	—	4	4	5	3
	1	—	1	1	2	—
	1	1	2	1	2	—
	1	—	1	1	2	1
	4	—	3	3	4	—
	9	1	11	10	15	4

Northamptonshire

Name of Firm.	Total in blast on June 30.	In blast June 30, making			Average in blast.		Total built.	F'nces relining or rebuilding.
		Hem.	F'ge & F'd'y.	Basic.	June qr.	Mar. qr.		
New Cransley Iron & Steel Co., Ltd.	1	—	1	—	1	1	2	—
Hunsbury Iron Co., Northampton	—	—	—	—	—	—	2	—
Stewarts & Lloyds, Ltd.—								
Islip Iron Works ..	2	—	2	—	2	2	4	1
Corby	3	—	—	3	3	3	3	—
Kettering Iron & Coal Co., Ltd., Kettering	2	—	2	—	2	2	2	—
Wellingboro' Iron Co., Ltd. Wellingboro'	2	—	2	—	2	2	2	—
Totals	10	—	7	3	10	10	15	1

Essex

Ford Motor Co., Ltd., Dagenham	1	1	—	—	1	1	1	—
Totals	1	1	—	—	1	1	1	—

South Staffordshire and Worcestershire

Bradley & Foster, Ltd., Capponfield	—	—	—	—	—	—	2	—
G. & R. Thomas, Ltd., Hatherton	—	—	—	—	—	½	2	—
Earl of Dudley, Brierley Hill	—	—	—	—	¾	1	4	1
Stewarts & Lloyds, Ltd. Wolverhampton	3	—	—	3	3	3	3	—
Willingsworth Iron Co., Ltd., Wednesbury	—	—	—	—	—	—	2	—
M. & W. Grazebrook, Ltd., Dudley	1	—	1*	—	1	1	2	—
Wm. Roberts (Tipton), Ltd.	—	—	—	—	—	—	3	—
Totals	4	—	1	3	4¾	5½	18	1

* Cold blast.

Gloucester, Somerset and Wilts

New Westbury Iron Co., Ltd.	—	—	—	—	—	—	1	—
Totals	—	—	—	—	—	—	1	—
GRAND TOTALS FOR UNITED KINGDOM	114	26	33	51	113¾	107	259	24

New Furnace Building

DERBYSHIRE—Clay Cross Co., Ltd. (1).

Number of Furnaces in Blast on June 30, 1936

District.	Average in blast for quarter	Total in blast on June 30, 1936	Total in blast on June 30, making			
			Hem.	Forge & Foundry	Basic.	Ferro-man., etc.
Scotland	14½	15	4	7	4	—
Durham and Northumberland ..	4	4	4	—	—	—
Cleveland	25½	26	7	3	15	1
Northamptonshire	10	10	—	7	3	—
Lincolnshire	12½	13	—	—	13	—
Derbyshire	11	10	—	9	1	—
Notts and Leicestershire	3	3	—	3	—	—
S. Staffordshire and Worcestershire ..	4¾	4	—	1	3	—
North Staffordshire	3	3	—	1	2	—
West Cumberland	5¾	6	5	—	—	1
Lancashire	7	7	3	—	3	1
South Wales and Mon	5½	6	2	—	4	—
South and West Yorkshire	4	4	—	2	2	—
Shropshire	1	—	—	—	—	—
North Wales	2	2	—	—	1	1
Gloucester, Somerset and Wilts ..	—	—	—	—	—	—
Essex	1	1	1	—	—	—
Totals	113¾	114	26	33	51	4
Totals for previous Quarter	107	109	23	30	51	5

Average Number of Furnaces in Blast for the previous Six Quarters

District.	Mar. 1936	Dec. 1935	Sept. 1935	June 1935	Mar. 1935	Dec. 1934
Scotland	12½	13½	14	12½	11	13
Durham and Northumberland	4	4	4	4	3¾	4
Cleveland	24½	22½	22	21¾	23	22
Northamptonshire	10	8	7	7¾	7½	7¾
Lincolnshire	12	12	10	10	10¾	10¾
Derbyshire	10	11	11	11	11	10
Notts and Leicestershire ..	3	2½	2	2	3	3
South Staffordshire and Worcestershire	5½	5	5	5	5	4½
North Staffordshire	3	3	3	3	2	3
West Cumberland	5	5	5	5	5	5
Lancashire	6½	6	6	6	6	6
South Wales and Mon ..	4¾	3	4¾	4¾	4	4
South and West Yorkshire ..	3	3	3	3¾	3½	3
Shropshire	1	1	—	—		1
North Wales	2	2	1½	2	2	2
Gloucester, Somerset and Wilts	—	—	—	—	—	—
Essex	1	1	1	1	1	1
Totals	107	102½	99	99	98	99½

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SUPER SILICA CEMENT
None so Durable
QUALITY NEVER VARIES

STEPHENS SILICA BRICK Co., Ltd.
KIDWELLY.

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September 30

BLAST FURNACES OF TH

BUILT AND IN

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FURNACES—SCUNTHORPE, LINCS.
SALES—2 VICTORIA ST. LONDON, S.W.1
CONTRACTORS TO THE WORLD'S LEADING FOUNDRIES

Total number of Furnaces Built on Septem

Total number of Furnaces in Blast on Sept

Decrease in the number of Furnaces Built

Decrease in the number of Furnaces in Blast

Furnaces Blown-in since June 30th, 1936

Cleveland (1).—Pease & Partners, Ltd. 1 (Normanby Ironworks, 1).

Derbysh

Furnaces Blown-out since June 30th, 1936

Lincolnshire (1).—John Lysaght, Ltd., 1.
Cleveland (1).—Dorman, Long & Co., Ltd., 1 (South Bank, 1).
North Staffordshire (1).—Goldendale Iron Co., Ltd., 1.

South &
Lancas
Derbys

Furnaces being Built at present time (See below)

Furnaces being Re-lined at present time

Scotland (3).—Wm. Dixon, Ltd., 1 (Govan, 1); Shotts Iron Co., Ltd., 1; Carron Co., 1.
North Wales (1).—Darwen & Mostyn Iron Co., Ltd., 1.
South Wales & Mon (2).—Rd. Thomas & Co., Ltd., 2.
Durham & Northumberland (5).—Consett Iron Co., Ltd., 3; South Durham Steel & Iron Co., Ltd., 2.
Lincolnshire (3).—Appleby-Frodingham Steel Co., Ltd., 2; John Lysaght, Ltd., 1.
Notts & Leicestershire (1).—Stanton Ironworks Co., Ltd., 1.
Cleveland (2).—Dorman, Long & Co., Ltd., 2 (Bessemer Iron Works, 1; South Bank, 1).

North
South
Lancas
Derbys
South

Scotland

Name of Firm.	Total in blast on Sept. 30.	In blast Sept. 30, making			Average in blast.		Total built.	F'nces relining or rebuilding.
		Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.		
Langloan Iron & Chemical Co., Ltd., Coatbridge	—	—	—	—	—	—	5	—
Coltness Iron Co., Ltd., Coltness	—	—	—	—	—	—	6	—
Dixon, Wm., Ltd.—								
Calder	—	—	—	—	—	—	6	—
Govan	3	2	1	—	2¼	3	6	1
Glasgow Iron & Steel Co., Ltd., Wishaw	—	—	—	—	—	—	6	—
Shotts Iron Co., Ltd.	3	—	2	1	3	2½	5	1
Summerlee Iron Co., Ltd., Coatbridge	—	—	—	—	—	—	7	—
Baird, Wm., & Co., Ltd., Gartsherrie ..	4	1	2	1	4	4	5	—
Bairds & Dalmellington, Ltd.—								
Muirkirk	—	—	—	—	—	—	3	—
Eglinton	—	—	—	—	—	—	6	—
Lugar	—	—	—	—	—	—	5	—
Colvilles, Ltd.—								
Glengarnock ..	—	—	—	—	—	—	7	—
Clyde Iron Works..	3	1	—	2	3	3	3	—
Carron Co., Carron ..	2	—	2	—	2	2	4	1
Totals	15	4	7	4	14¾	14¼	74	3

North Wales

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Brymbo Steel Co., Ltd.	1	—	—	1	1	1	1	—
Darwen & Mostyn Iron Co., Ltd., Mostyn	1*	—	—	—	1	1	2	1
Totals	2	—	—	1	2	2	3	1

* Making ferro-manganese, etc.

South Wales & Mon

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Guest Keen Baldwins Iron & Steel Co., Ltd., Cardiff, Port Talbot, and Briton Ferry ..	6	3	—	..	6	5½	7	—
Baldwins, Ltd., Landore	—	—	—	—	—	—	1	—
Rd. Thomas & Co., Ltd., Ebbw Vale ..	—	—	—	—	—	—	2	2
Totals	6	3	—	3	6	5½	10	2

Durham and Northumberland

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Consett Iron Co., Ltd., Blackhill	4	4	—	—	4½	4	8*	3
Linthorpe - Dinsdale Smelting Co., Ltd., Middleton	—	—	—	—	—	—	4	—
South Durham Steel & Iron Co., Ltd., West Hartlepool	—	—	—	—	—	—	2	2
Totals	4	4	—	—	4½	4	14	5

* Including one furnace partly demolished.

Lincolnshire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Appleby - Frodingham Steel Co., Ltd., Scunthorpe	6	—	—	6	6	6	8	2
Rd. Thomas & Co., Ltd., Redbourn	3	—	—	3	3	3	4	—
John Lysaght, Ltd., Normanby Park Steelworks, Scunthorpe	3	—	—	3	3½	3½	5	1
Totals	12	—	—	12	12½	12½	17	3

Notts and Leicestershire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Stanton Ironworks Co., Ltd., Ashfordby	3	—	3	—	3	3	5	1
Totals	3	—	3	—	3	3	5	1

Shropshire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Lilleshall Co., Ltd. ..	—	—	—	—	—	—	—	—
Totals	—	—	—	—	—	—	—	—

Cleveland District

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Dorman, Long & Co., Ltd.—								
Acklam Iron Works	3	—	—	3				
Redcar Iron Works	2	—	—	2				
Cleveland, South Bk.	4	—	1	3				
Bessemer Iron Works	1	—	—	1				
South Bank ..	2*	1	—	—				
Grangetown ..	2	—	—	2				
Ojers, Mills & Co., Ltd.	3*	2	—	—				
Cargo Fleet Iron Co., Ltd.	3	—	—	3				
Pease & Partners, Ltd.—								
Normanby Iron Works	3	3	—	—				
Tees Iron Works ..	—	—	—	—				
Skinningrove Iron Co., Ltd.	3	—	—	3				
Linthorpe - Dinsdale Smelting Co., Ltd. (Linthorpe Iron Works)	—	—	—	—				
Totals	26	6	1	17				

* One furnace making ferro-mangan

West Cumberland

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
United Steel Companies, Ltd., Moss Bay and Derwent	4*	3	—	—				
Millom & Askam Hematite Iron Co., Ltd., Millom	2	2	—	—				
Totals	6	5	—	—				

* One furnace making ferro-mangan

North Staffordshire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Goldendale Iron Co., Ltd.	—	—	—	—				
Shelton Iron, Steel & Coal Co., Ltd., Stoke	2	—	—	2				
Totals	2	—	—	2				

South and West Yorks

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Low Moor Iron Co., Ltd., Bradford	—	—	—	—				
Park Gate Iron & Steel Co., Ltd., Rotherham	2	—	—	2				
Newton, Chambers & Co., Ltd., Sheffield	1	—	1	—				
Totals	3	—	1	2				

Lancashire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Charcoal Iron Co., Ltd., Ulverston (Backbarrow)	—	—	—	—				
Barrow Hematite Steel Co., Ltd.	2	2	—	—				
North Lonsdale Iron & Steel Co., Ltd.	—	—	—	—				
Lancashire Steel Corporation, Ltd., Irlam	4*	—	—	3				
Totals	6	2	—	3				

* One furnace making ferro-manga

Derbyshire

Name of Firm.	Total in blast on Sept. 30.	Hem.	F'ge & f'd'y.	Basic.	Sept. qr.	June qr.	Total built.	F'nces relining or rebuilding.
Stanton Ironworks Co., Ltd., Stanton Gate	4	—	4	—				
Clay Cross Co., Ltd...	1	—	1	—				
Renishaw Iron Co., Ltd., Chesterfield	2	—	1	1				
Sheepbridge Coal & Iron Co., Ltd.	1	—	1	—				
Staveley Coal & Iron Co., Ltd.	3	—	3	—				
Totals	11	—	10	1				

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30th, 1936.

THE UNITED KINGDOM

IN BLAST.

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tember 30th, 1936	256
September 30th, 1936	111
uilt	3
Blast since June 30th, 1936	3
36	3
Derbyshire (2).—Stanton Ironworks Co., Ltd., 2.	
936	6
South & West Yorkshire (1).—Low Moor Iron Co., Ltd., 1. Lancashire (1).—Barrow Hematite Steel Co., Ltd., 1. Derbyshire (1).—Staveley Coal & Iron Co., Ltd., 1.	
low)	4
.. ..	27
North Staffordshire (1).—Goldendale Iron Co., Ltd., 1. South & West Yorkshire (2).—Park Gate Iron & Steel Co., Ltd., 1; Low Moor Iron Co., Ltd., 1. Lancashire (3).—Barrow Hematite Steel Co., Ltd., 2; Charcoal Iron Co., Ltd., 1. Derbyshire (3).—Stanton Ironworks Co., Ltd., 1; Sheepbridge Coal & Iron Co., Ltd., 1; Staveley Coal & Iron Co., Ltd., 1. South Staffordshire & Worcestershire (1).—Earl of Dudley, 1.	

hire

a blast pt. 30, aking		Aver-age in blast.		Total built.	F'nces relining or rebuilding.
F'ge & F'd'y.	Basic.	Sept. qr.	June qr.		
—	—	—	1	3	—
—	—	—	1	3	—

District

—	3	3	3	4	—
—	2	2	2	4	—
1	3	4	4	5	—
—	1	1	1	2	1
—	—	2½	3½	4	1
—	2	2	1	2	—
—	—	3	3	5	—
—	3	3	3	3	—
—	—	2½	2	3	—
—	—	—	—	3	—
—	3	3	3	5	—
—	—	—	—	6	—
1	17	25¾	25½	46	2

erro-manganese, etc.

berland

—	—	4	3¾	6	—
—	—	2	2	3	—
—	—	6	5¾	9	—

erro-manganese, etc.

fordshire

—	—	¾	1	3	1
—	2	2	2	3	—
—	2	2¾	3	6	1

st Yorkshire

—	—	—	1	2	1
—	2	2	2	3	1
1	—	1	1	1	—
1	2	3	4	6	2

hire

—	—	—	—	1	1
—	—	2	3	4	2
—	—	—	—	4	—
—	3	4	4	4	—
—	3	6	7	13	3

erro-manganese, etc.

shire

4	—	3	4	5	1
1	—	1	1	2	—
1	1	2	2	2	—
1	—	1	1	2	1
3	—	3	3	4	1
10	1	10	11	15	3

Northamptonshire

Name of Firm.	Total in blast on Sept. 30.	In blast Sept. 30, making			Average in blast.		Total built.	F'nces relining or rebuilding.
		Hem.	F'ge & F'd'y.	Basic.	Sept. qr.	June qr.		
New Cransley Iron & Steel Co., Ltd.	1	—	1	—	1	1	2	—
Hunsbury Iron Co., Northampton	—	—	—	—	—	—	2	—
Stewarts & Lloyds, Ltd.—								
Islip Iron Works ..	2	—	2	—	2	2	4	—
Corby	3	—	—	3	3	3	3	—
Kettering Iron & Coal Co., Ltd., Kettering	2	—	2	—	2	2	2	—
Wellingboro' Iron Co., Ltd., Wellingboro'	2	—	2	—	2	2	2	—
Totals	10	—	7	3	10	10	15	—

Essex

Ford Motor Co., Ltd., Dagenham	1	—	—	1	1	1	1	—
Totals	1	—	—	1	1	1	1	—

South Staffordshire and Worcestershire

Bradley & Foster, Ltd., Capponfield	—	—	—	—	—	—	2	—
G. & R. Thomas, Ltd., Hatherton	—	—	—	—	—	—	2	—
Earl of Dudley, Brierley Hill	—	—	—	—	—	¾	4	1
Stewarts & Lloyds, Ltd. Wolverhampton	3	—	—	3	3	3	3	—
Willingsworth Iron Co., Ltd., Wednesbury	—	—	—	—	—	—	2	—
M. & W. Grazebrook, Ltd., Dudley	1	—	1*	—	1	1	2	—
Wm. Roberts (Tipton), Ltd.	—	—	—	—	—	—	3	—
Totals	4	—	1	3	4	4¾	18	1

* Cold blast.

Gloucester, Somerset and Wilts

New Westbury Iron Co., Ltd.	—	—	—	—	—	—	1	—
Totals	—	—	—	—	—	—	1	—
GRAND TOTALS FOR UNITED KINGDOM	111	24	30	52	110¾	113¾	256	27

New Furnaces Building—4.

CLEVELAND (1)—Skinningrove Iron Co., Ltd., 1.
WEST CUMBERLAND (1)—Millom & Askam Hematite Iron Co., Ltd., 1.
DERBYSHIRE (1)—Clay Cross Co., Ltd., 1.
NORTHAMPTONSHIRE (1)—Stewarts and Lloyds, Ltd., 1 (Corby, 1).

Number of Furnaces in Blast on Sept. 30, 1936

District.	Average in blast for quarter	Total in blast on Sept. 30, 1936	Total in blast on Sept. 30, making			
			Hem.	Forge & foundry	Basic	Ferro-man., etc.
Scotland	14¾	15	4	7	4	—
Durham and Northumberland ..	4½	4	4	—	—	—
Cleveland	25¾	26	6	1	17	2
Northamptonshire	10	10	—	7	3	—
Lincolnshire	12¼	12	—	—	12	—
Derbyshire	10	11	—	10	1	—
Notts and Leicestershire	3	3	—	3	—	—
S. Staffordshire and Worcestershire ..	4	4	—	1	3	—
North Staffordshire	2¾	2	—	—	2	—
West Cumberland	6	6	5	—	—	1
Lancashire	6	6	2	—	3	1
South Wales and Mon	6	6	3	—	3	
South and West Yorkshire	3	3	—	1	2	—
Shropshire	—	—	—	—	—	
North Wales	2	2	—	—	1	1
Gloucester, Somerset and Wilts ..	—	—	—	—	—	—
Essex	1	1	—	—	1	—
Totals	110¾	111	24	30	52	5
Totals for previous Quarter	113¾	114	26	33	51	4

Average Number of Furnaces in Blast for the previous Six Quarters

District.	June 1936	Mar. 1936	Dec. 1935	Sept. 1935	June 1935	Mar. 1935
Scotland	14½	12½	13¾	14	12½	11
Durham and Northumberland	4	4	4	4	4	3¾
Cleveland	25½	24½	22½	22	21¾	23
Northamptonshire	10	10	8	7	7½	7½
Lincolnshire	12½	12	12	10	10	10½
Derbyshire	11	10	11	11	11	11
Notts and Leicestershire ..	3	3	2½	2	2	3
South Staffordshire and Worcestershire	4¾	5½	5	5	5	5
North Staffordshire	3	3	3	3	3	2
West Cumberland	5¾	5	5	5	5	5
Lancashire	7	6½	6	6	6	6
South Wales and Mon ..	5½	4¾	3	4¾	4¾	4
South and West Yorkshire ..	4	3	3	3	3¼	3½
Shropshire	1	1	1	—	—	—
North Wales	2	2	2	1½	2	2
Gloucester, Somerset and Wilts	—	—	—	—	—	—
Essex	1	1	1	1	1	1
Totals	113¾	107	102½	99	99	98

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●
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